

CIC #: 99EPA EPA SUPERFUND PROGRAM

Billed Date: 02-Jan-2015

Customer Order Number: DW96957731

DIAMOND HEAD OU1 329881 BZ801

EPA 640

**VOUCHER FOR TRANSFERS  
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37-1)**

Mission Assignment No:

D.O. Voucher No.BU. Voucher No.Bill No.Paid By Check No.Collection Vou. No.

27071048

Partial # 60 01-Dec-2014 Thru 02-Jan-2015

**Billed Office (Mail To):**

U.S. ENVIRONMENTAL PROTECTION AGENCY  
ACCOUNTING OPERATIONS OFFICE  
26 W. MARTIN LUTHER KING DRIVE  
CINCINNATI OH 45268-7002

**Billing Office (Send Remittance To):**

USACE FINANCE CENTER G5  
KANSAS CITY DISTRICT G5  
5720 INTEGRITY DRIVE  
MILLINGTON TN 38054-5005

**Billed Accounting Classification**

068 068 X 8145 0000 2010 00 0000 012731 0000 00000

**Billing Accounting Classification**

\$1,075.45 096 NA X 3122.0000 G5 08 2416 868 012731 96231

\$1,075.45

| Line Item        | Moa           | Description                               | Eaid No | Amount            |
|------------------|---------------|---|---------|-------------------|
| 1                | INHOUSE LABOR | DEPARTMENTAL OVERHEAD COSTS               |         | \$319.65          |
| 1                | INHOUSE LABOR | GENERAL AND ADMINISTRATIVE OVERHEAD COSTS |         | \$89.90           |
| 1                | INHOUSE LABOR | LABOR                                     |         | \$665.90          |
| <b>Subtotal:</b> |               |   |         | <b>\$1,075.45</b> |

**CORPS CERTIFICATION**

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE, AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUNDS AS INDICATED."

3 MAR 15 *Elizabeth A. Franklin*  
DATE SIGNATURE

*Elizabeth A. Franklin*  
Project Manager

**Funds Authorized:** \$294,000.00  
**Total Billed Amount:** \$245,512.90  
**Prev Billed Amount:** \$244,437.45  
**Current Billed Amount:** \$1,075.45  
**Total Flux Billed:** \$0.00  
**Prev Flux Billed:** \$0.00  
**Current Flux Billed:** \$0.00

**CERTIFICATE OF OFFICE BILLED**

I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated.

**Date:**

Authorized Administrative or Certifying Officer

PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND HEAD OIL REFINERY, NJ  
IA Number: DA96957731

MONTHLY REPORT FOR DECEMBER 2014

|                                  | Revised Reimbursable<br>(096X3122) | Direct Fund Cite | IA Totals<br>(096X3122) |
|----------------------------------|------------------------------------|------------------|-------------------------|
| STATEMENT OF CHARGES FOR PERIOD: |                                    |                  |                         |
| Total Funds Authorized:          | \$294,000.00                       | \$1,896,000.00   | \$2,190,000.00          |
| Less Total Expenditures: (-)     | \$245,512.90                       | \$1,331,757.55   | \$1,577,270.45          |
| Less Undelivered Orders: (-)     | \$0.00                             | \$564,242.45     | \$564,242.45            |
| Less Commitments: (-)            | \$4,657.21                         | \$0.00           | \$4,657.21              |
| Funds Available Balance:         | \$43,829.89                        | \$0.00           | \$43,829.89             |

BILLING ACTIVITY (096X3122):

Bill Number 27071048

Funds Expended During Report Period: \$1,075.45  
Total Expended to Date: \$245,512.90

DIRECT FUND CITE PAYMENTS:

Funds Expended During Report Period: \$73,297.58  
Total Expended to Date: \$1,331,757.55

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PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND HEAD OIL REFINERY, NJ  
IA Number: I 096957731

Bill Number: 27071048  
Bill Invoice Date: 02-JAN-2015

Monthly Billing Amount(096X3122): \$1,075.45  
Monthly Direct Fund Cite Contract Cost(068X8145): \$73,297.58

| Budget Categories        | Costs for<br>Current Month | Prior Month's<br>Summary | Project Costs<br>to Date |
|--------------------------|----------------------------|--------------------------|--------------------------|
| a Personnel              | \$416.20                   | \$82,452.74              | \$82,868.94              |
| b Fringe Benefits        | \$249.70                   | \$45,135.50              | \$45,385.20              |
| c Travel                 | \$0.00                     | \$26,216.40              | \$26,216.40              |
| d Equipment              | \$0.00                     | \$0.00                   | \$0.00                   |
| e Supplies               | \$0.00                     | \$0.00                   | \$0.00                   |
| f Procurement            | \$0.00                     | \$0.00                   | \$0.00                   |
| g Constructio            | \$0.00                     | \$0.00                   | \$0.00                   |
| h Other                  | \$0.00                     | \$10,910.35              | \$10,910.35              |
| i Total Direct Charges   | \$665.90                   | \$164,714.99             | \$165,380.89             |
| j Total Indirect Charges | \$409.55                   | \$79,722.46              | \$80,132.01              |
| k TOTAL                  | \$1,075.45                 | \$244,437.45             | \$245,512.90             |

LABOR BREAKOUT FOR MONTH:

| Individual         | Location             | Function             | Hours | Labor Amount |
|--------------------|----------------------|----------------------|-------|--------------|
| SHELLY M ALLEN     | KANSAS CITY DISTRICT | PROGRAM ANALYST      | 2.00  | \$206.51     |
| ELIZABETH FRANKLIN | KANSAS CITY DISTRICT | HTRW PROJECT MANAGER | 2.00  | \$266.06     |
| AMY DARPINIAN      | KANSAS CITY DISTRICT | CHEMIST              | 3.00  | \$335.59     |

PROGRESS REPORT

KANSAS CITY DISTRICT  
DIAMOND HEAD OIL REFINERY, NJ

LABOR BREAKOUT FOR MONTH:  
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| Individual<br>----- | Location<br>-----    | Function<br>-----    | Hours<br>----- | Labor Amount<br>----- |
|---------------------|----------------------|----------------------|----------------|-----------------------|
| GREGORY NEWMAN      | KANSAS CITY DISTRICT | GEOLOGIST            | 2.00           | \$200.78              |
| ROBERT M PENNER, JR | KANSAS CITY DISTRICT | HTRW PROJECT MANAGER | 0.50           | \$66.51               |
|                     |                      |                      | -----          | -----                 |
| TOTAL LABOR:        |                      |                      | 9.50           | \$1,075.45            |

## Progress Report for EPA Region II

|                          |  |                               |  |  |         |
|--------------------------|--|-------------------------------|--|--|---------|
| <b>Site:</b>             | Diamond Head Oil Refinery, NJ<br>Remedial Design Operable Unit 1 |                               | <b>Phase:</b>                                | Remedial Design – OU1                        |         |
| <b>ERI No.:</b>          | 27071048,<br>Partial #60   | <b>IAG No.:</b>               | DW96957731/BZ801<br>IAG Award Date: 12/02/09 | <b>IAG Expiration Date:</b>                  | 6/30/16 |
| <b>Reporting Period:</b> | <b>From:</b><br>December 1, 2014                                 | <b>To:</b><br>January 2, 2015 | <b>EPA RPM</b><br>Grisell Diaz-Cotto         | <b>USACE PM</b><br>Elizabeth Franklin        |         |
|                          |  |                               |  | <b>Other Corps</b><br>P2: 329881/FWI: G0C947 |         |

|                       |   |
|-----------------------|---|
| <b>Work Performed</b> |   |
| <i>This Period</i>    | <ul style="list-style-type: none"> <li>Task Order 0004 Invoice. <ul style="list-style-type: none"> <li>No invoice this reporting period.</li> </ul> </li> <li>Task Order 0014 Invoice. <ul style="list-style-type: none"> <li>On 8 Dec 14, Invoice #10 was reviewed and approved for \$28,868.54 covering period 26 Jul – 29 Aug 14.</li> <li>On 8 Dec 14, Invoice #11 was reviewed and approved for \$33,360.00 covering period 30 Aug – 26 Sep 14.</li> <li>On 17 Dec 14, Invoice #12 was reviewed and approved for \$11,069.04 covering period 27 Sep – 31 Oct 14.</li> </ul> </li> <li>Funding. No funding received during the reporting period.</li> <li>Pre-Design Investigation (PDI). <ul style="list-style-type: none"> <li>On 8 Dec 14, held team meeting to discuss initial comments on the TM.</li> <li>On 13 Dec 14, communicated status to EPA (R. Ho) with plan to have comments in mid-January 2015.</li> </ul> </li> <li>Schedule. Current schedule dated 7 Jun 14.</li> <li>Preparation of Progress Report and Project Expenditures spreadsheet.</li> </ul> |

|  |   |
|--|---|
| <i>Key Meetings This Period</i>                  | <ul style="list-style-type: none"> <li>Calls as noted in this report.</li> </ul>  |
| <i>Key Contract Milestones Completed to Date</i> | <ul style="list-style-type: none"> <li>2 Dec 2009; New IA funding received totaling \$300,000</li> <li>10 Feb 2010; Base Task Order 0002 awarded, totaling \$255,000.</li> <li>6 Apr 2010, IA Amendment #1 funding received totaling \$170,000; for total IA value of \$470,000.</li> <li>13 Aug 2010, Task Order 0002, Modification 1 was awarded for \$141,000.</li> <li>29 Sep 2010; IA Amendment #2 funding received totaling \$750,000; for total IA value of \$1,220,000.</li> <li>2 Nov 2010; Task Order 0002; Modification 2 was awarded for \$650,000</li> <li>13 Sep 2013; Base Task Order 0014 awarded, totaling \$850,000.</li> </ul> |

|   |  |
|---|--|
| <i>Contractor Actions/Accomplishments</i> | <p><b>WO 1</b></p> <ul style="list-style-type: none"> <li>Performed minimal management duties.</li> <li>CH2M Hill Progress Reporting on hold to conserve funding during low activity periods.</li> </ul> <p><b>WO 2</b></p> <ul style="list-style-type: none"> <li>Little work performed during the reporting period; awaiting TM comments.</li> </ul> |
|---|--|

## Progress Report for EPA Region II

| Project Work, Meetings & Milestones. |   |
|--------------------------------------|---|
| <b>Narrative</b>                     | <ul style="list-style-type: none"> <li>No meeting projected at this time.</li> </ul>  |
| <b>Issues</b>                        | <ul style="list-style-type: none"> <li>Team calls as needed.</li> </ul>   |
| <b>Milestones</b>                    | <ul style="list-style-type: none"> <li>5 May 2010 –Final Data Needs Technical Memorandum submitted.</li> <li>31 Aug 2010 –Final Pre-Design Investigation Work Plan submitted.</li> <li>27 September – 1 October 2010: Pre-Design Investigation LNAPL Sampling</li> <li>12 November 2010: Phase 1 Bench Scale test initiated.</li> <li>20 February 2012: Phase 1 Bench Scale test complete (25 Jan 12 decision made to discontinue Phase 1).</li> <li>24 January 2011: Received Phase 1 bench scale (month 1) results</li> <li>23 February 2011: Received final dioxin results from bench scale soils (collected under OU2).</li> <li>31 March 2011: Received Phase 1 Bench Scale Status Report 2/Draft Technical Memorandum (updated 19 May 11 with med/low soil sample results).</li> <li>6 April 2011: Meeting held to discuss Phase 1 Results/Phase 2 discussion and decision</li> <li>21 December 2011: Meeting held to discuss Phase 2 column setup and milestone to conduct the bench scale.</li> <li>25 January 2012: Meeting held to discuss Phase 1 bench scale sampling results and confirm Phase 2 column setup.</li> <li>20 February 2012: Collected final Phase 1 bench scale samples.</li> <li>7 March 2012: Phase 2 Bench Scale test initiated.</li> <li>22 August 2012: Meeting to discuss Phase 2 Bench Scale (decision made to discontinue). Pre-design investigation planning began.</li> <li>September 2012: Phase 2 columns dismantled and soil sent offsite for disposal.</li> <li>13 September 2013: Project restart for Pre-design investigation (PDI) (contract awarded for PDI).</li> <li>4 November 2013: PDI investigation start.</li> <li>14 February 2014: PDI investigation complete.</li> <li>11 June 2014: Team PDI Data Review meeting.</li> <li>30 September 2014: Draft Pre-Design Investigation Technical Memorandum submitted.</li> </ul> |
| <b>Issues</b>                        |   |
| <b>Technical:</b>                    | <ul style="list-style-type: none"> <li>None.</li> </ul>   |
| <b>Schedule:</b>                     | <ul style="list-style-type: none"> <li>None.</li> </ul>   |
| <b>Funding:</b>                      | <ul style="list-style-type: none"> <li>None.</li> </ul>   |

| IAG Summary       |                  |         |          |                    |                  |             |
|-------------------|------------------|---------|----------|--------------------|------------------|-------------|
| Amendment Funding |                  |         |          | Cumulative Funding |                  |             |
| USACE             | Direct Fund Cite | Amend # | Date     | USACE              | Direct Fund Cite | Total IAG   |
| \$45,000          | \$255,000        | Initial | 12/2/09  | -                  | -                | \$300,000   |
| \$29,000          | \$141,000        | 1       | 4/6/10   | \$74,000           | \$396,000        | \$470,000   |
| \$100,000         | \$650,000        | 2       | 9/29/10  | \$174,000          | \$1,046,000      | \$1,220,000 |
| \$0               | \$0              | 3       | 10/28/11 | \$174,000          | \$1,046,000      | \$1,220,000 |
| \$20,000          | \$480,000        | 4       | 7/2/13   | \$194,000          | \$1,526,000      | \$1,720,000 |
| \$100,000         | \$370,000        | 5       | 9/9/13   | \$294,000          | \$1,896,000      | \$2,190,000 |

IAG Amendment 3 was date extension.

## Progress Report for EPA Region II

| <b>Expenditures: USACE and Direct Fund Cite</b>                                   |                           |                                   |                                |                            |
|---|---------------------------|-----------------------------------|--------------------------------|----------------------------|
| <b>Summary of Funds Spent Per Activity &amp; Funding Remaining</b>                |                           |                                   |                                |                            |
| <b>Description</b>  | <b>Funds for Activity</b> | <b>Funds Disbursed this Month</b> | <b>Funds Disbursed to Date</b> | <b>Funds Not Disbursed</b> |
| <b>Contract - CH2M Hill W912DQ-08-D-0016; Task Order 0004 - awarded 10 Feb 10</b> | \$255,000.00              | \$0.00                            | \$255,000.00                   | \$0.00                     |
| Contract - CH2M Hill W912DQ-08-D-0016; Task Order 0004/Mod 1 - awarded 13 Aug 10  | \$141,000.00              | \$0.00                            | \$141,000.00                   | \$0.00                     |
| Contract - CH2M Hill W912DQ-08-D-0016; Task Order 0004/Mod 2 - awarded 2 Nov 10   | \$650,000.00              | \$0.00                            | \$511,376.36                   | \$138,623.64               |
| <b>Contract - CH2M Hill W912DQ-11-D-3005; Task Order 0014 - awarded 13 Sep 13</b> | \$850,000.00              | \$73,297.58                       | \$424,381.19                   | \$425,618.81               |
| <b>Subtotal - Summary of DFC Contract Dollars</b>                                 | <b>\$1,896,000.00</b>     | <b>\$73,297.58</b>                | <b>\$1,331,757.55</b>          | <b>\$564,242.45</b>        |
| Kansas City Corps In-House Labor/Travel   | \$283,089.65              | \$1,075.45                        | \$234,602.55                   | \$48,487.10                |
| Superfund M&S Fee   | \$10,910.35               | \$0.00                            | \$10,910.35                    | \$0.00                     |
| <b>Subtotal - Labor/M&amp;S</b>   | <b>\$294,000.00</b>       | <b>\$1,075.45</b>                 | <b>\$245,512.90</b>            | <b>\$48,487.10</b>         |
| <b>Grand Total - Contract/Corps</b>   | <b>\$2,190,000.00</b>     | <b>\$74,373.03</b>                | <b>\$1,577,270.45</b>          | <b>\$612,729.55</b>        |

## IAG Project Description (block 12 of IA)

Base IA: USACE Kansas City District (DOD964126) to perform Remedial Design activities for Operable Unit 1 at the Diamond Head Oil Superfund Site (EPA Site D#NJD092226000).

## Project Delivery Team

| <b>Name</b>    | <b>Contact Information</b>             | <b>Responsibility</b>              |
|----------------|--|------------------------------------|
| Beth Franklin  | (816) 389-3581<br>Cell: (816) 695-5797 | Project Manager                    |
| Greg Hattan    | (816) 389-3579                         | Project Geologist                  |
| Amy Darpinian  | (816) 389-3897                         | Project Chemist                    |
| Shelley Thomas | (816) 389-3842                         | Contracting Officer                |
| Matt Dolly     | (816) 389-3919                         | Contracting Officer Representative |

Prepared by:  
Elizabeth Franklin  
Project Manager  
3 March 2015